

WHAT IS CLAIMED IS:

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1. A digital camera, comprising:  
image pickup means for picking up an image of an object;  
a monitor for displaying an image;  
first forming means responsive to a motion image frame forming  
5 instruction by an operator for forming a motion image frame smaller than a  
monitor frame on said monitor; and  
motion image display means for displaying a motion image of said  
object picked up by said image pickup means in said motion image frame.
2. The digital camera according to claim 1, wherein  
said first forming means includes  
input means for receiving, as inputs, size information and position  
information of said motion image frame, and  
5 motion image frame forming means for forming said motion image  
frame on said monitor based on said size information and said position  
information.
3. The digital camera according to claim 2, wherein  
said motion image frame is a rectangle, said size information  
includes horizontal size and vertical size of said rectangle, and said position  
information includes vertex coordinates of at least one corner of said  
5 rectangle.
4. The digital camera according to claim 1, wherein  
said motion image display means includes  
zoom processing means for performing reduction zoom processing on  
said motion image based on said monitor frame and said motion image  
5 frame, and  
reduced image display means for displaying a reduced motion image  
reduce by said zoom processing means on said motion image frame.

5 5. The digital camera according to claim 1, further comprising:  
a recording medium for recording an image; and  
first recording means for recording an image in said motion image  
frame on said recording medium in response to a first recording instruction  
by said operator.

5 6. The digital camera according to claim 5, wherein  
said first recording means includes  
first file forming means for forming a first image file having a first  
identifier added thereto, and  
first storing means for storing an image in said motion image frame  
in said first image file.

7. The digital camera according to claim 6, wherein said first  
recording means further includes size information writing means for  
writing size information of said motion image frame in said first image file.

5 8. The digital camera according to claim 1, further comprising:  
a recording medium for recording an image;  
reproducing means responsive to a reproduction instruction by said  
operator for reproducing a still image from said recording medium;  
second forming means responsive to said reproduction instruction for  
forming a still image frame equal to said monitor frame on said monitor;  
and  
still image displaying means for displaying said still image in said  
still image frame.

9. The digital camera according to claim 8, wherein said motion  
image display means includes motion image synthesizing means for  
synthesizing said motion image with said still image based on said motion  
image frame forming instruction.

10. The digital camera according to claim 9, wherein said first

forming means includes motion image frame moving means responsive to a motion image frame moving instruction by said operator for moving said motion image frame.

11. The digital camera according to claim 10, wherein said reproducing means includes same still image reproducing means for reproducing one same said still image in response to said motion image frame moving instruction; and

5        said motion image frame moving means includes position information updating means for updating position information of said motion image frame after said still image is displayed.

12. The digital camera according to claim 9, further comprising second recording means responsive to a second recording instruction by said operator for recording an image in said monitor frame on said recording medium.

13. The digital camera according to claim 12, wherein said second recording means includes second file forming means for forming a second image file having a second identifier added thereto, and

5        second storing means for storing the image in said monitor frame in said second image file.

14. A digital camera for reproducing a first still image corresponding to a frame monitor from a recording medium and displaying the image on a monitor, comprising:

10        second still image reproducing means responsive to a synthesization instruction from an operator, for reproducing a second still image smaller than said monitor frame from said recording medium; and

      synthesizing means for synthesizing said second still image with said first still image.

15. The digital camera according to claim 14, wherein said second still image reproducing means includes

5 detecting means for detecting size of said second still image, and second still image synthesizing means for synthesizing said second still image at the center of said first still image based on a result of detection by said detecting means.

16. The digital camera according to claim 15, further comprising: first changing means responsive to a first changing instruction by said operator for changing said first still image reproduced from said recording medium; and

5 second changing means responsive to a second changing instruction by said operator for changing said second still image reproduced from said recording medium.

17. The digital camera according to claim 16, further comprising moving means responsive to a moving instruction by said operator for moving position of display of said second still image.

18. The digital camera according to claim 17, further comprising recording means responsive to a recording instruction by said operator for recording an image in said monitor frame on said recording medium.

19. The digital camera according to claim 14, wherein said monitor also functions as a view finder.

20. A digital camera having a recording mode for recording a through image of an object picked up through an optical system, a reproducing mode for reproducing the recorded image, and an image synthesizing mode for generating a synthesized image of the through image and the reproduced image, comprising:

image display means for displaying an image;  
setting means for setting, in said image synthesizing mode, a

through image display area on a part of a reproduced image displayed by said image display means;

images synthesizing means for generating said synthesized image by displaying the through image on the through image display area set by said setting means; and

recording means for recording the synthesized image generated by said image synthesizing means.

21. The digital camera according to claim 20, wherein said setting means includes

drawing means for drawing an outer frame of the through image display area of a desired size at a portion of the reproduced image displayed by said image display means, and

position adjusting means for adjusting position of the outer frame of the through image display area drawn by said drawing means.

22. The digital camera according to claim 21, wherein said drawing means changes color of the outer frame when aspect ratio of the outer frame of said through image display area attains a prescribed ratio.